

Enterprise Architecture Essentials

The Extreme Architecture Perspective

This one-day course is designed to provide a brief, practical introduction to enterprise architecture. The course first establishes the need for enterprise architectures and then moves on to discuss the major features of an enterprise architecture. This is followed by the core content of the course which is based on a unique and original enterprise architecture framework. The framework offers a simple and easy to understand perspective of enterprise architecture.

Participants will find that the ideas discussed during the course will stimulate their own thinking in regard to enterprise architecture. They will also leave the course armed with a simple enterprise architecture framework that is easy to recall and has practical application in the real world.

Course Features

- Establishes the need for enterprise architecture
- Describes the benefits of frameworks and review some of the most popular enterprise architecture frameworks
- Describes the main features of the eXtreme Architecture Framework (XAF)
- Uses the XAF as the basis for a discussion of typical enterprise architecture content
- Describes the practical use of an enterprise architecture framework

Who Should Attend

- CIOs, CTOs, IT/IS Managers, Consultants, and Architects
- Analysts, Designers and other IT professionals who need to understand the basics of enterprise architecture

Course Duration

1 day

Contact

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Course Agenda

Introduction

- What is an Architecture?
- Architecture and Buildings
- What is an Enterprise?
- Examples of Enterprises
- What is an Enterprise Architecture?
- What Are Architecture Elements?

Extremes of Architecture

- Perfection vs. Chaos
- Exploring the “Middle Ground”
- Urban Planning – a Better Metaphor for Enterprise Architecture

The Need For Frameworks

- Enterprise Architecture Frameworks
- The Zachman Framework
- The NIST and OMB Frameworks
- The Open Group Architecture Framework (TOGAF)
 - Architecture and Solution Continuums
 - The Role of the Standards Information Base
 - “Boundaryless” Information Flow
 - The Integrated Information Infrastructure Reference Model

Systems and Interoperability

- Human Activity Systems
- Software Systems
- Representing Systems
 - As Hierarchies
 - As Containers
- Contemporary Business Drivers
- Independent Overlapping Systems

Architectural Views

- Activity
- Information
- Software
- Data
- Technology



Lonsdale Systems

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The Extreme Architecture Framework

- Mapping Systems to Views
- Framework Influences
- Framework Elements vs. Enterprise Elements
- Why Extreme?
- A Brief Tour of Framework Elements
 - Business Elements
 - Information System Elements
 - Technology Infrastructure Elements

Architectural Content

- Architecture Principles
- Vision
- Lists, Definitions and Models
- Assessments
- Potential Risks
- Potential Rewards
- Strategies

Architectural Development Methods

- The TOGAF ADM
- The Extreme Architecture Framework and the TOGAF ADM

Enterprise Architecture and Projects

- Business Modelling Projects
- Software Requirements Definition Projects
- Software Construction Projects
- Projects With Arbitrary Scope

Enterprise Architecture and Governance

- Business Process Management
- Information Management
- Software Portfolio Management
- Data Administration
- Infrastructure Management
- Projects vs. Governance

Review and Conclusion

